

FIG.1

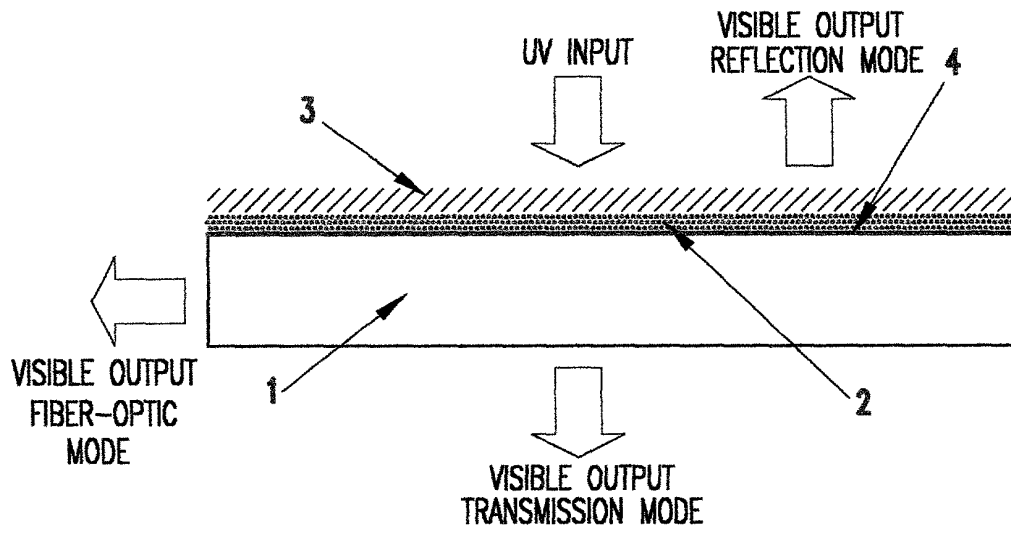


FIG.2A

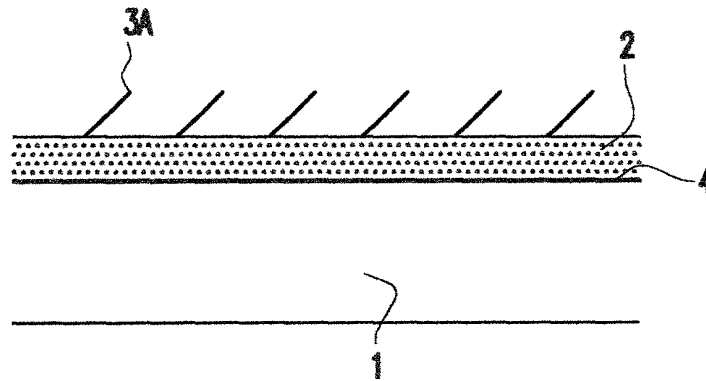


FIG.2B

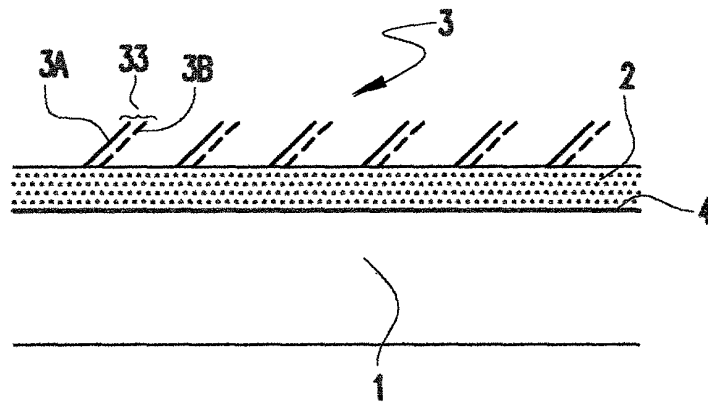


FIG.2C

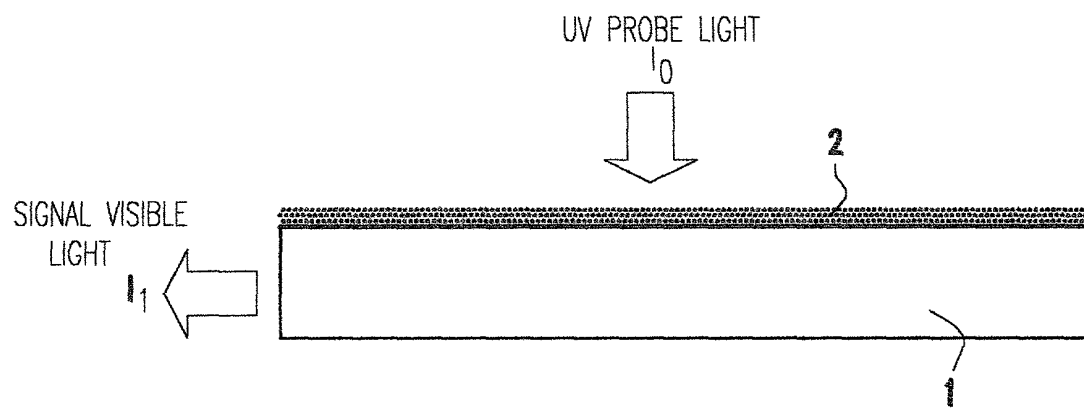


FIG.3A

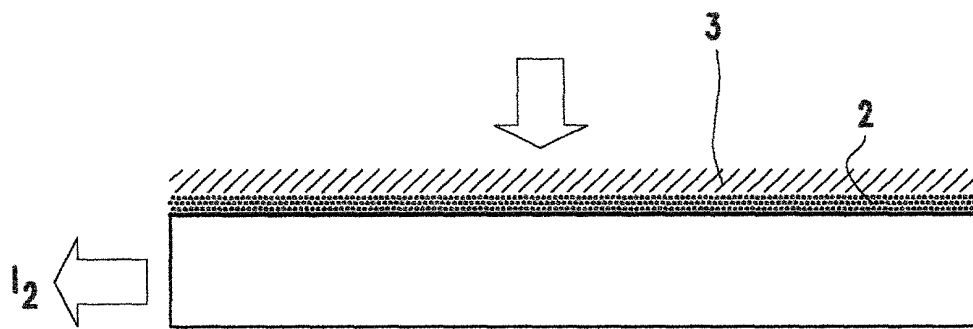


FIG.3B

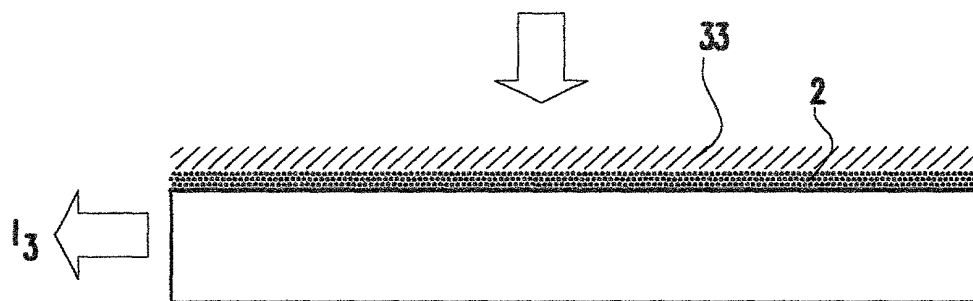
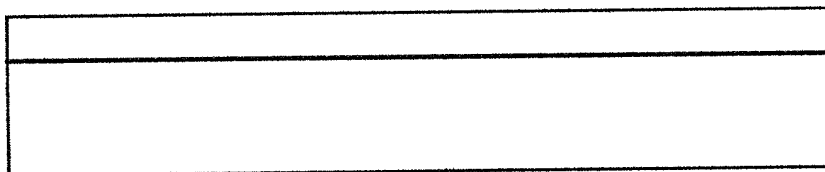
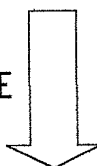


FIG.3C

FIG.4A

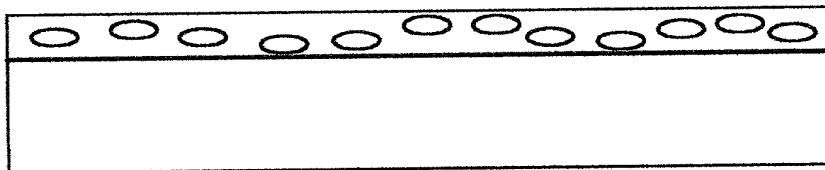


IN-SITU COMPOSITE



1. ION EXCHANGE
2. PARTICLE SYNTHESIS
3. SURFACE REGENERATION

FIG.4B

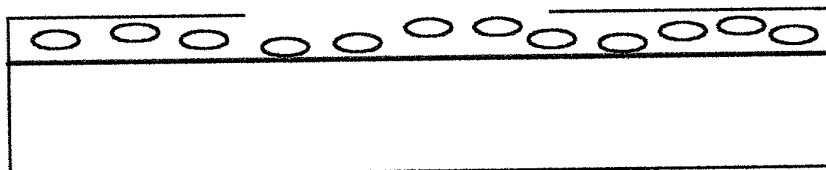


LITHOGRAPHY



1. SURFACE MODIFICATION AT SELECTED REGIONS

FIG.4C

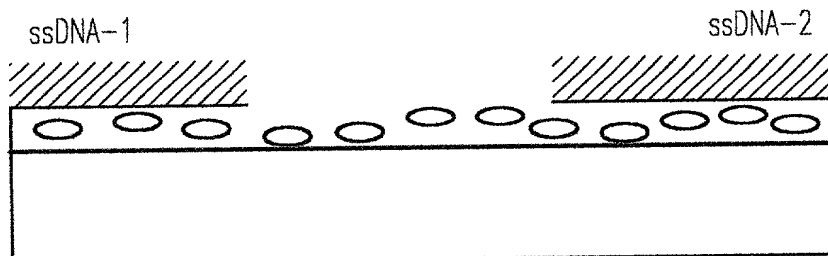


DNA GRAFTING



1. SELECTIVE ssDNA GRAFTING

FIG.4D



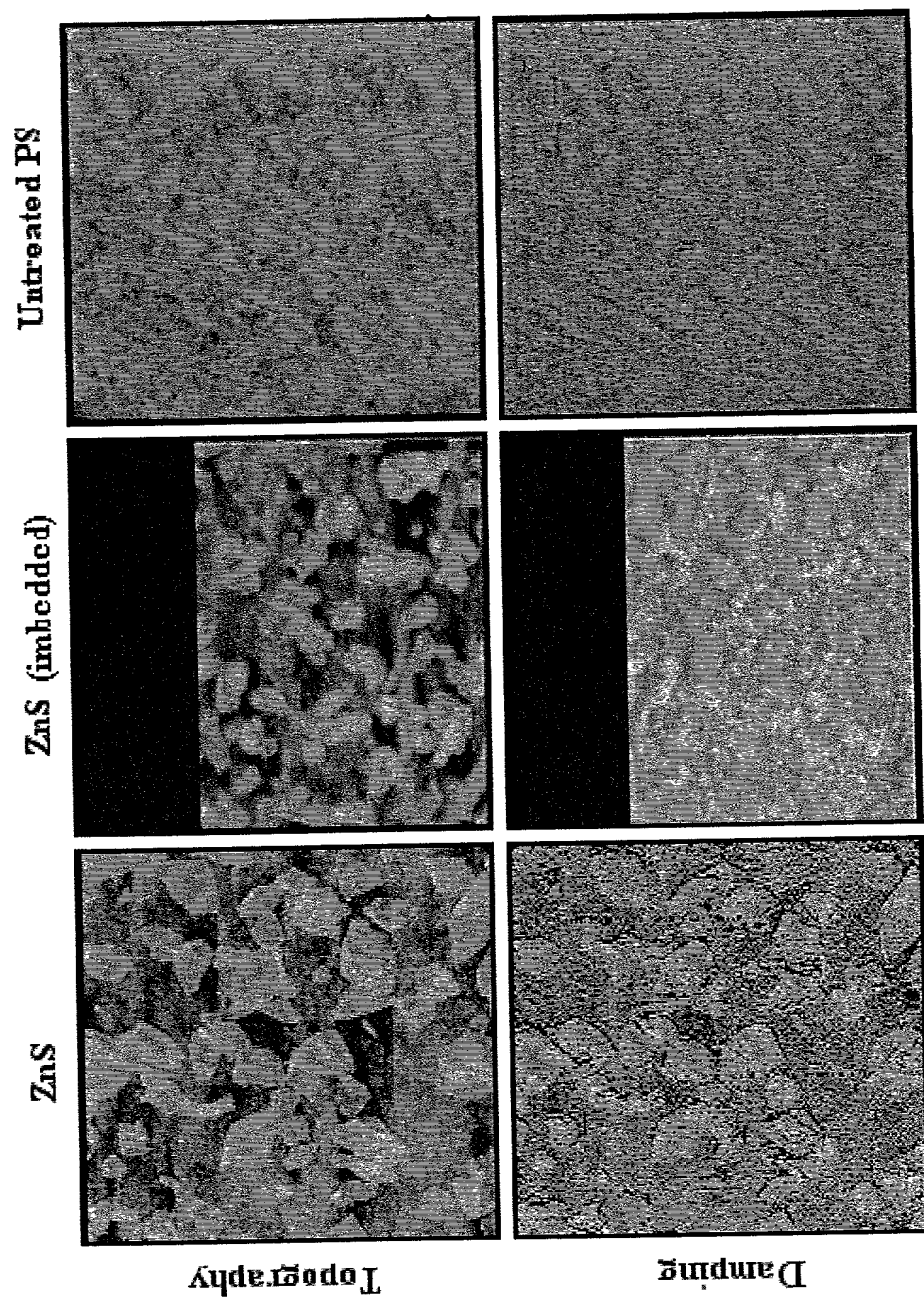


FIG.5



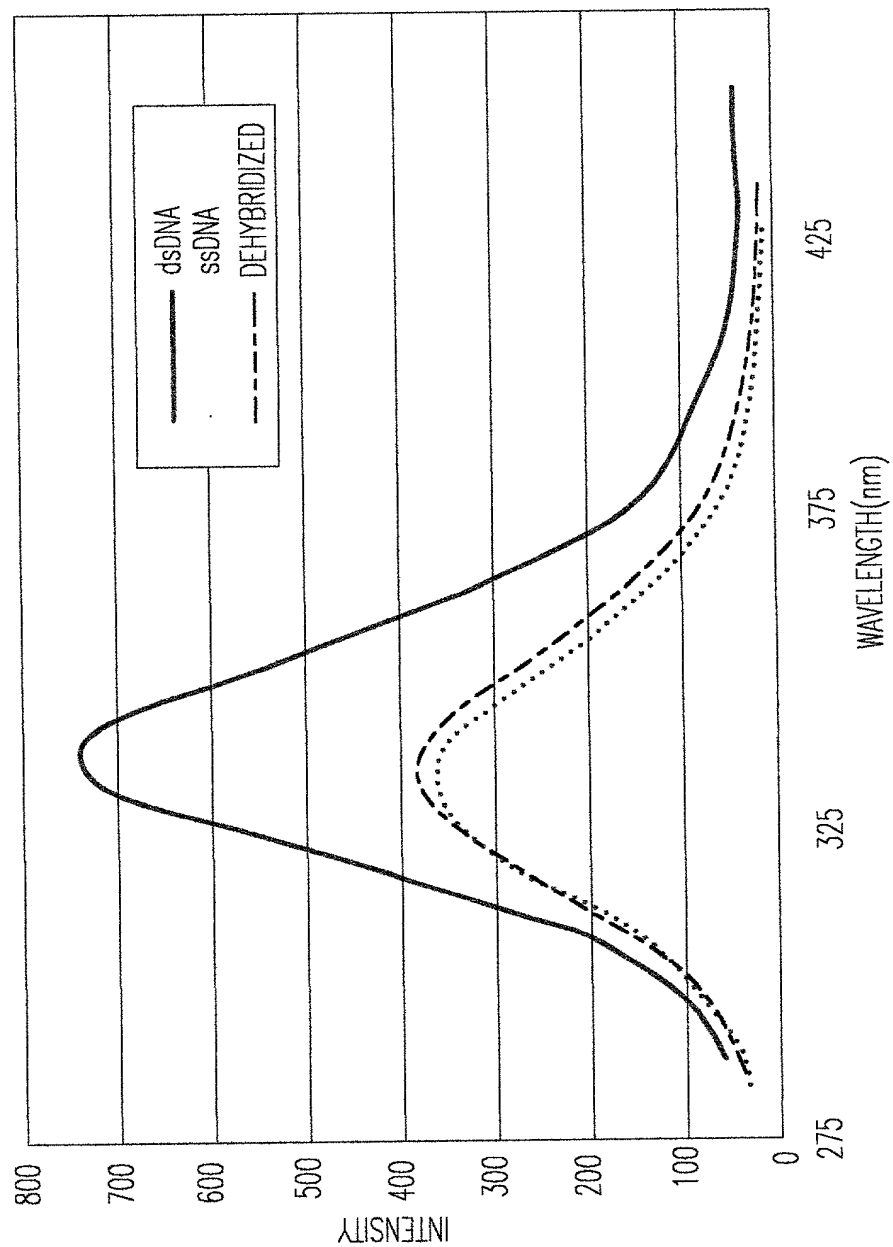


FIG.7

09370935.000101  
T01090-9860/860

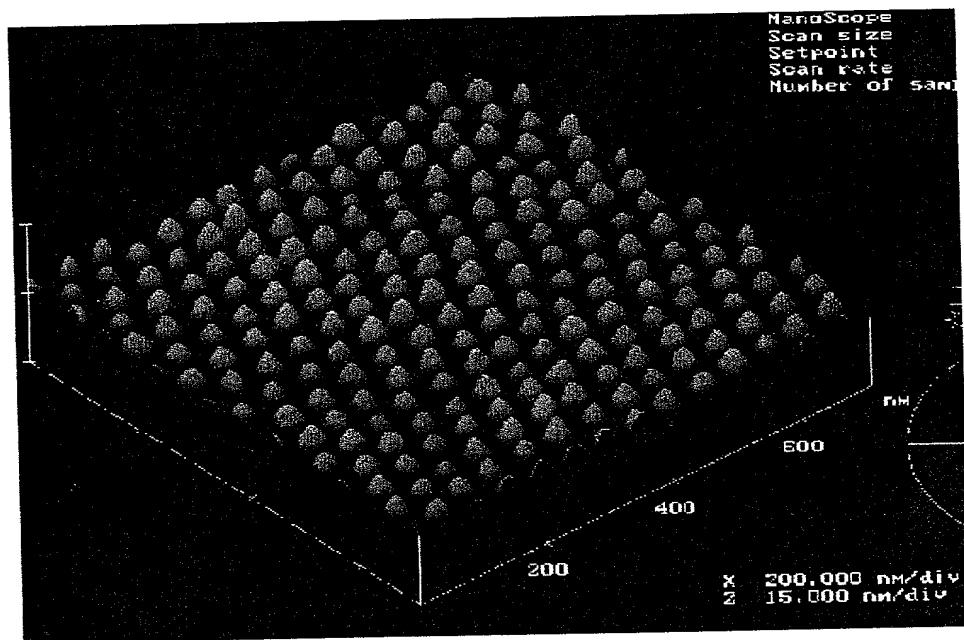


FIG.8

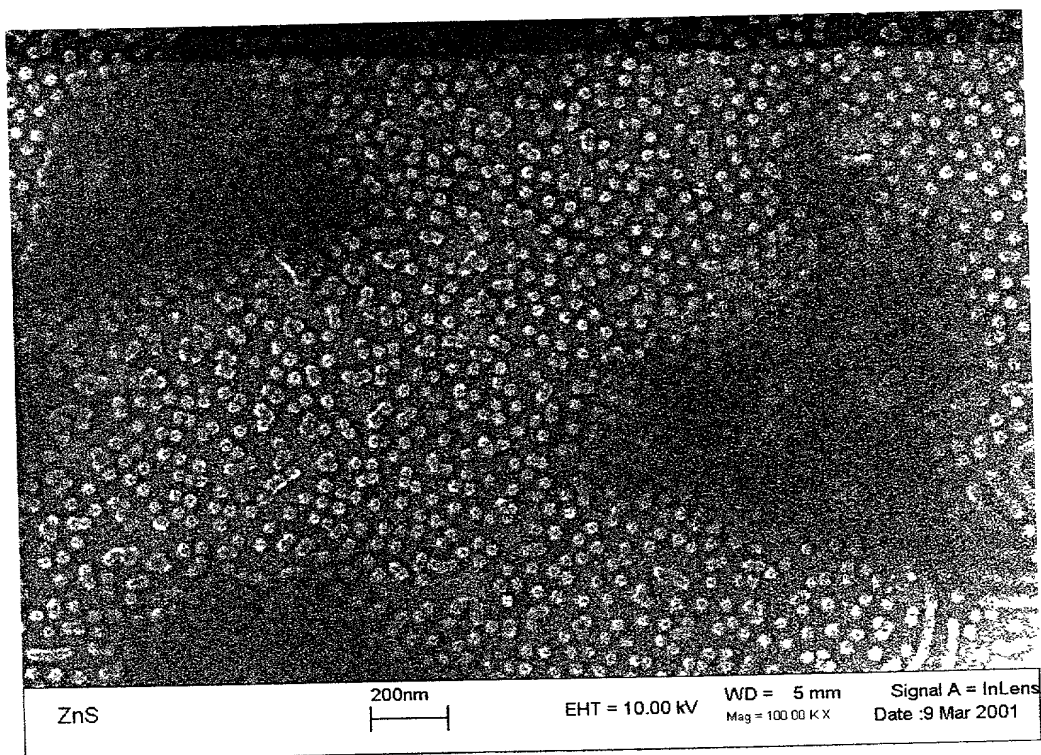


FIG.11



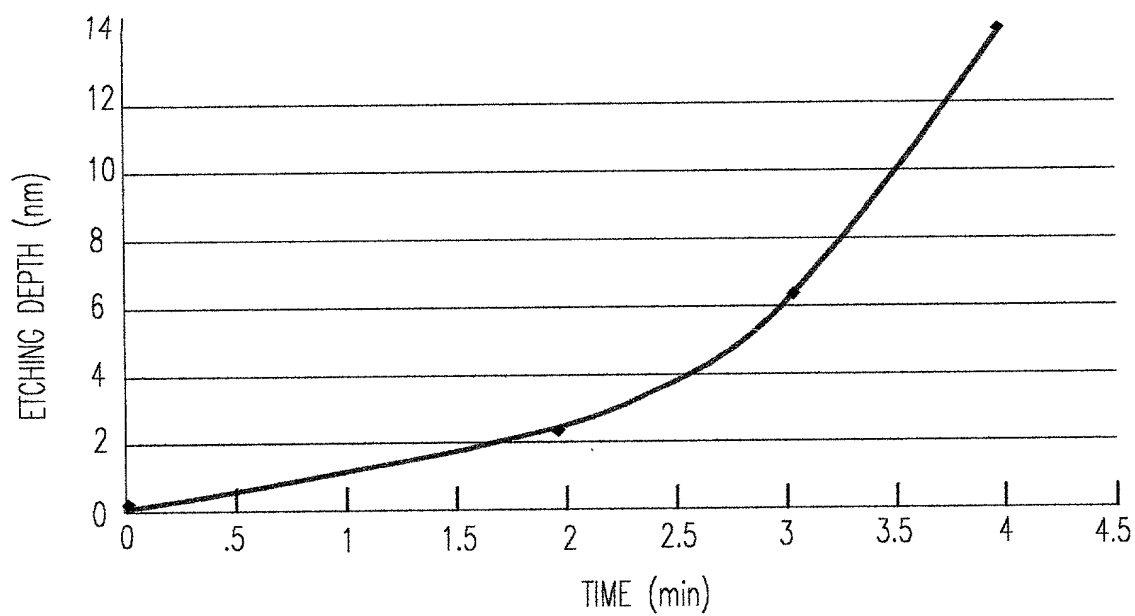


FIG.9

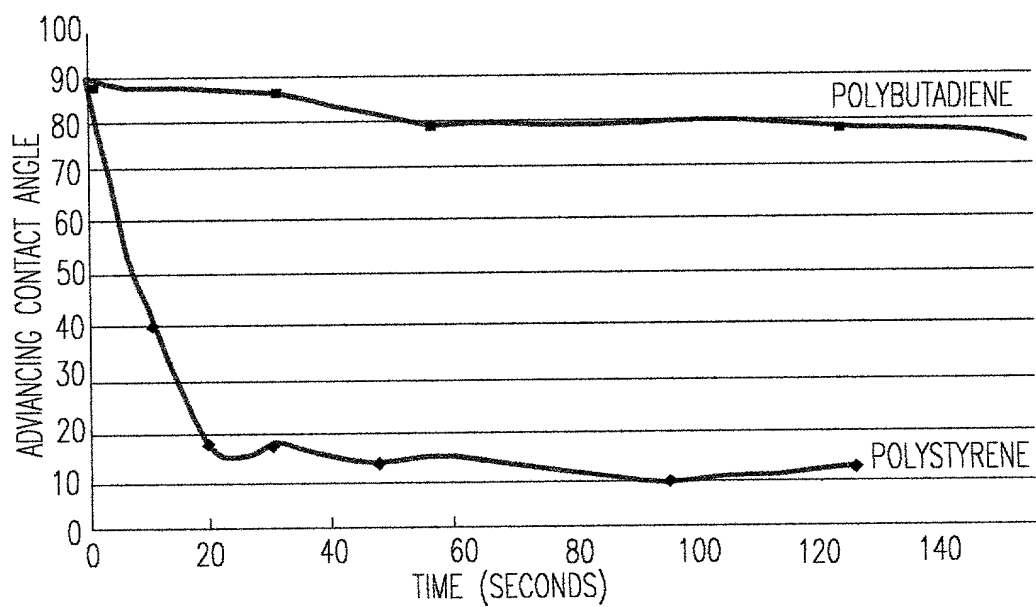


FIG.10

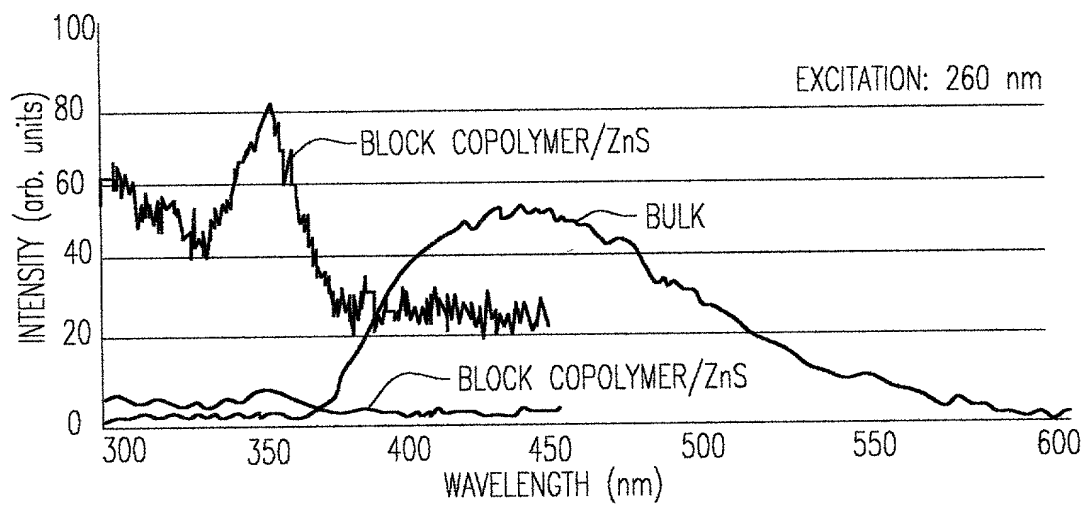


FIG.12

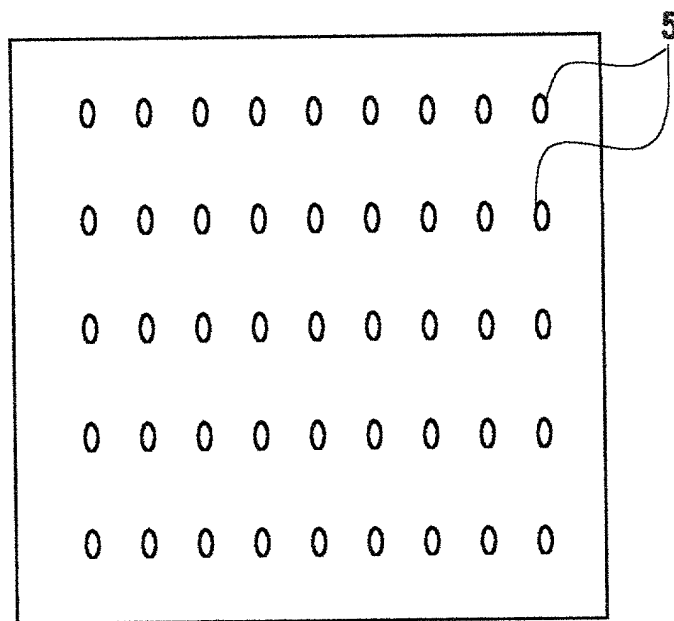


FIG.13

FIG.14A

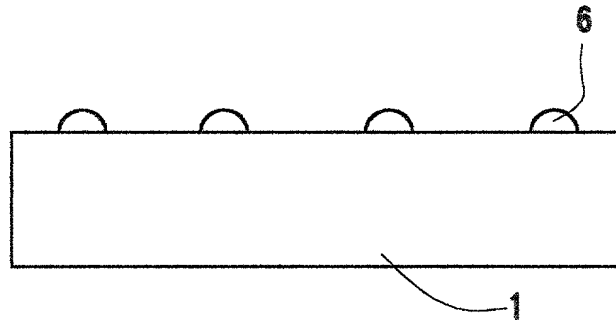


FIG.14B

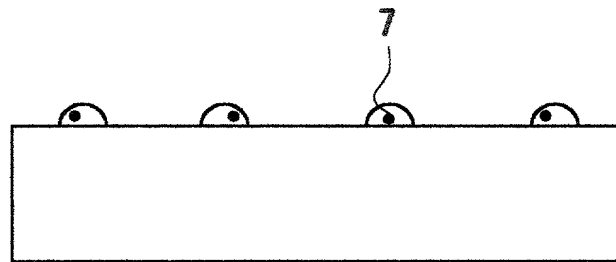
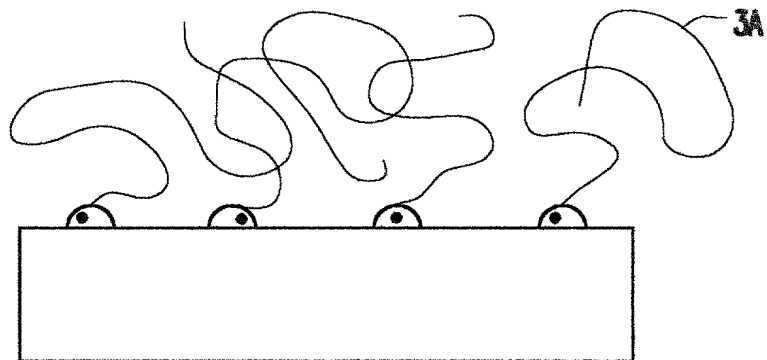


FIG.14C



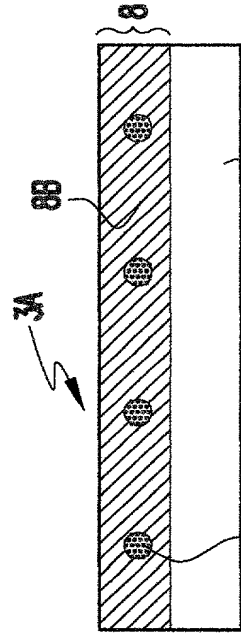


FIG. 15A

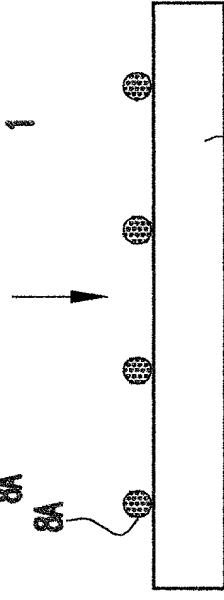


FIG. 15B

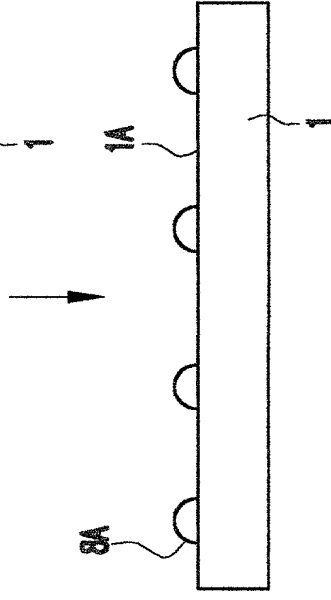


FIG. 15C

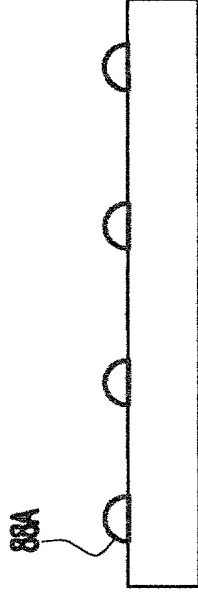


FIG. 15D

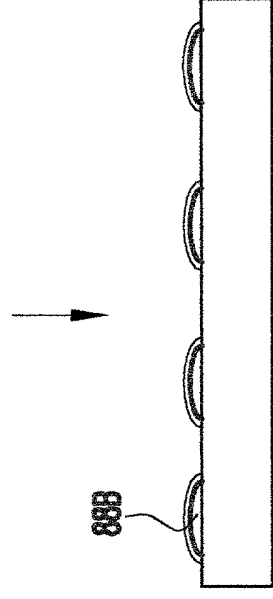


FIG. 15E

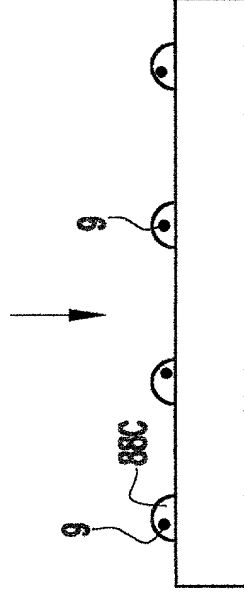


FIG. 15F

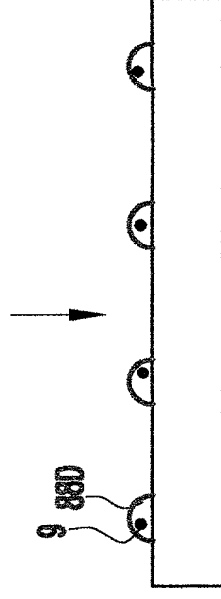


FIG. 15G

FIG. 16A

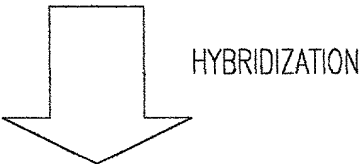
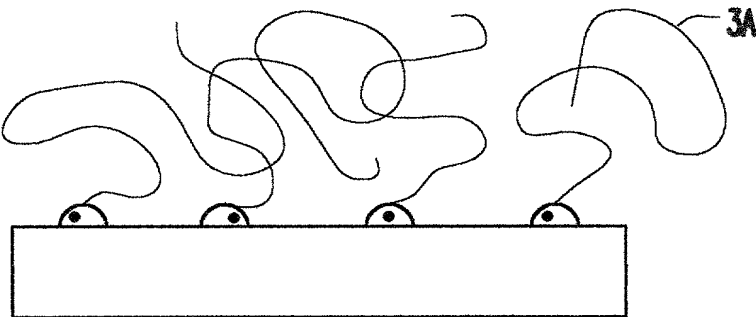


FIG. 16B

